

W1181-0085

Wm Hamilton & C. L.
N. 162.

Profile & Dr. Plans
as Built.

5/5 "EMPIRE CALL"

Gen. 1st E. Rpt. N. 22639.

RETAIN



© 2020

Lloyd's Register
Foundation

W1181-0086

Wm. Hamilton & Co. Ltd.

N. 462.

Mailship Section
as Built.

S/S EMPIRE CALL

Gr. R. 1st E. Rpt. N. 22639.

RETAIN



© 2020

Lloyd's Register
Foundation

S.S. "EMPIRE SWORDSMAN"

S.S. "EMPIRE CALL" MIDSHIP SECTION

SCALE 1/2" = 1FOOT

TO CLASS 100A1 WITH FREEBOARD AT LLOYDS SPECIAL SURVEY

DIMENSIONS - 426'-1 1/2" B.P. ON L.W.L. & 56'-0" MLD. 56'-3" EXT. & 27'-9" MLD. TO 2ND D⁵ 36'-10" MLD. TO UPPER D⁵

LLOYDS NUMERALS			
FIRST LONGITUDINAL NUMBER	L.D. = 42612 + 35.75	=	15233.75
SECOND	L.(B+D) = 42612 + (56.0 + 35.75)	=	35096.51
D TO UPPER DECK	= 42612 + 35.75	=	11.57
D MOULDED DEPTH	= 27.75 + 5.0	=	32.75
4	= 27.75 - 3.75 + 3" FOR HIGHER EXT. & 6" FOR DEEP KNEE	=	23.40
4	AT HALF LENGTH FORWARD	=	26.39

EQUIPMENT NUMBER			
SECOND LONGITUDINAL NUMBER	= 42612 + (56.0 + 35.75)	=	35096.51
MIDSHIP ACCOMMODATION & CASING	= 72.25 + 5.0 + 1/2	=	124.00
SALON	= 31.0 + 5.0 + 1/2	=	124.00
FORECASTLE	= 34.5 + 7.5	=	40.00
EQUIPMENT NUMBER	=		40163.75

EQUIPMENT			
2 BOWER ANCHORS	60 CWT. EACH STOCKLESS		
1 STREAM ANCHOR	15 CWT. EX-STOCK		
2 FATHOMS	2 STUD CHAIN CABLE "TAYCO"		
30 FATHOMS	5 FLEXIBLE STEEL WIRE 6" x 12"		
120 FATHOMS	4 3/4 SPECIAL FLEXIBLE STEEL WIRE 6" x 24"		
2 HAWESERS	30 FATHOMS 2 3/4 FLEXIBLE STEEL WIRE 6" x 12"		
2 WARPS	75 FATHOMS 2 3/4 FLEXIBLE STEEL WIRE 6" x 12"		
30 FATHOMS	4 3/4 ON DOUBLE PURCHASE REEL 6" x 24"		
2-75 FATHOMS	3 1/2 S.V.R. 6" x 12" WARPS		
4-80 FATHOMS	7 MANILLA HAWESERS		

RIVETING NOTE

RIVETS IN FRAMES TO FLOORS AND CROSS TIE PLATES IN AFT PEAK SPACED 5 DIAM. APART CR TO CR.

RIVETS IN FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FORD HALF LENGTH FORD SPACED 5 1/2 DIAM. (TWO COMPLETE ROWS).

RIVETS IN FRAMES TO FLOORS AT FLAT OF DOUBLE BOTTOM FORD HALF LENGTH FORD SPACED 5 1/2 DIAM. (TWO COMPLETE ROWS).

RIVETS IN SIDE FRAMES TO SHELL SPACED 6 1/2 DIAM. APART 5 1/2 DIAM. APART IN WAY OF DEEP TANKS & PEAK.

TANKS AND DEEP FRAMING FORD.

RIVETS IN BOTTOM FRAMES TO SHELL AFT HALF LENGTH FORD SPACED 7 DIAM. APART CR TO CR.

RIVETS IN 32 BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 3 1/2 DIAM. APART CR TO CR.

RIVETS IN 48 BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIAM. APART CR TO CR.

RIVETS IN SEAMS OF SHELL PLATING DECK PLATING AND INNER BOTTOM PLATING AS PER TABLE 40.

RIVETS IN BUTTS OF DECK PLATING INNER BOTTOM & MARGIN PLATING SPACED 4 DIAM. APART CR TO CR.

RIVETS IN SEAMS & BUTTS OF BULKHEADS AND TUNNEL PLATING MARGIN ANGLES AND WEATHER DECK STRINGER.

ANGLES AND BULKHEAD FRAME TO BULKHEAD SPACED 4 1/2 DIAM. APART CR TO CR.

RIVETS IN FLAT KEEL ANGLES VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GIRDER AND SHELL PLANGE.

OF WATERTIGHT BULKHEADS FRAME SPACE 3 DIAM. APART CR TO CR.

RIVETS IN FRAMES TO FLOORS AFT HALF LENGTH FORD REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING.

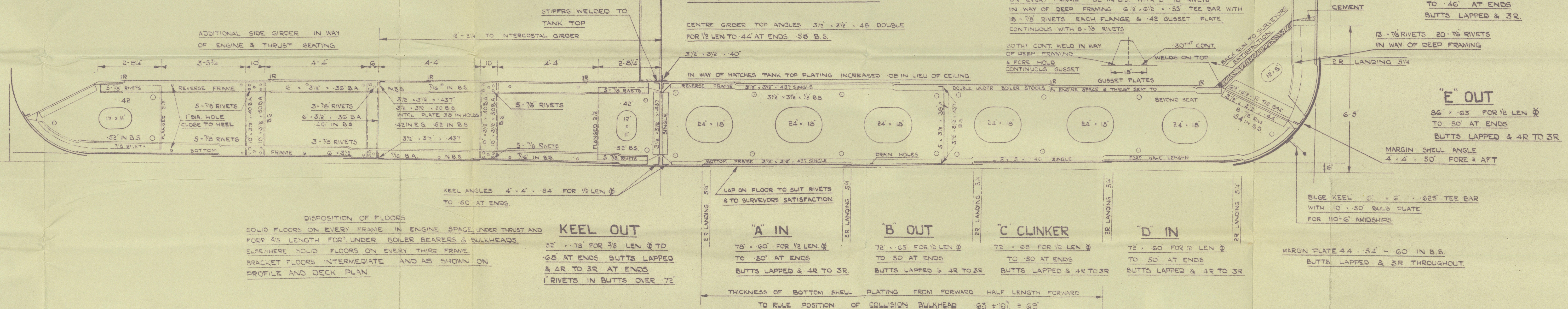
VERTICAL ANGLES TO FLOORS AND SIDE GIRDERS IN BULKHEAD STIFFENERS (EXCEPT TANK BULKHEADS) AND IN DECK PLATING TO BEAMS ON EVERY FRAME SPACED 7 DIAM. APART CR TO CR.

RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 7 DIAM. APART CR TO CR.

RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 7 DIAM. APART CR TO CR VERTICAL FLANGE.

THE SCANTLINGS OF ANGLES BULB ANGLE AND CHANNEL SECTIONS GIVEN ON THIS PLAN ARE N.B.S.

STEM 10' x 25' STERNPOST FABRICATED RUDDERFRAME FABRICATED



THE SCANTLINGS ARE SUITABLE FOR A DRAUGHT 16 IN EXCESS OF THAT CONTEMPLATED BY THE RULES FOR A COMPLETE SUPERSTRUCTURE VESSEL HAVING A TONNAGE OPENING.

FORECASTLE
STRINGER PLATE 36 BUTTS IR
STRINGER ANGLE 3 1/2' x 3 1/2' x 36
DECK PLATING 32 UNSHEATHED
BUTTS LAPPED 3 IR
SIDE PLATING 40 BEAMS 4 BUTTS IR
BEAMS ON EVERY FRAME AS PER
PROFILE AND DECK PLAN

"L" IN
56' x 60' FOR 1/2 LEN
TO 46' AT ENDS BUTTS LAPPED &
4R FOR 1/2 LEN & 3R AT ENDS

"K" OUT
38' x 64' FOR 1/2 LEN
TO 46' AT ENDS BUTTS LAPPED &
4R FOR 1/2 LEN & 3R AT ENDS

"J" IN
77' x 62' FOR 1/2 LEN
TO 46' AT ENDS
BUTTS LAPPED & 3R

"H" OUT
77' x 62' FOR 1/2 LEN
TO 46' AT ENDS
BUTTS LAPPED & 3R

"G" IN
77 1/2' x 62' FOR 1/2 LEN
TO 46' AT ENDS
BUTTS LAPPED & 3R

"F" CLINKER
77 1/2' x 62' FOR 1/2 LEN
TO 46' AT ENDS
BUTTS LAPPED & 3R

"E" OUT
86' x 63' FOR 1/2 LEN
TO 50' AT ENDS
BUTTS LAPPED & 4R TO 3R

BULGE KEEL 6' x 6' x 62 1/2' TEE BAR
WITH 10' x 50' BULB PLATE
FOR 10-6' MIDSHIPS

MARGIN PLATE 44' x 54' x 60' IN B.S.
BUTTS LAPPED & 3R THROUGHOUT

"A" IN
75' x 60' FOR 1/2 LEN
TO 50' AT ENDS
BUTTS LAPPED & 4R TO 3R

"B" OUT
72' x 63' FOR 1/2 LEN
TO 50' AT ENDS
BUTTS LAPPED & 4R TO 3R

"C" CLINKER
72' x 63' FOR 1/2 LEN
TO 50' AT ENDS
BUTTS LAPPED & 4R TO 3R

"D" IN
72' x 60' FOR 1/2 LEN
TO 50' AT ENDS
BUTTS LAPPED & 4R TO 3R

THICKNESS OF BOTTOM SHELL PLATING FROM FORWARD HALF LENGTH FORWARD
TO RULE POSITION OF GOWNSHIP BULKHEAD 68' x 10' = 68'